

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by:  
Harold Sparks

GENERAL INFORMATION:

|                            |                                |
|----------------------------|--------------------------------|
| Name:                      | Gallatin Steel Company         |
| Address:                   | RR #1 Box 320, Ghent, KY 41045 |
| Date application received: | June 5, 1998                   |
| SIC/Source description:    | 3312/Steel mill                |
| AFS Plant ID:              | 21-077-00018                   |
| EIS #:                     | 079-1380-0018                  |
| Application log number:    | F690                           |
| Permit number:             | V-99-003                       |

APPLICATION TYPE/PERMIT ACTIVITY:

|   |   |
|---|---|
| <input type="checkbox"/> Initial issuance               | <input type="checkbox"/> General permit         |
| <input checked="" type="checkbox"/> Permit modification | <input type="checkbox"/> Conditional major      |
| __Administrative  | <input checked="" type="checkbox"/> Title V     |
| __Minor   | <input type="checkbox"/> Synthetic minor        |
| <input checked="" type="checkbox"/> Significant         | <input type="checkbox"/> Operating              |
| <input type="checkbox"/> Permit renewal                 | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

|   |   |
|---|---|
| <input type="checkbox"/> Source is out of compliance                | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed |   |

APPLICABLE REQUIREMENTS LIST:

|   |  |                                |
|---|--|--------------------------------|
| <input checked="" type="checkbox"/> NSR | <input checked="" type="checkbox"/> NSPS | <input type="checkbox"/> SIP   |
| <input checked="" type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS         | <input type="checkbox"/> Other |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant                 | Actual (tpy) | Potential (tpy) |
|---------------------------|--------------|-----------------|
| PM                        | 180.5        | 261.5           |
| SO <sub>2</sub>           | 175.4        | 351.3           |
| NO <sub>x</sub>           | 478.6        | 1063.1          |
| CO                        | 1764.4       | 3551.1          |
| VOC                       | 115.8        | 233.2           |
| LEAD                      | 0.71         | 1.42            |
| HAP \$ 10 tpy<br>(by CAS) |              |                 |
|                           |              |                 |

SOURCE PROCESS DESCRIPTION:

Gallatin Steel Company produces steel coils from scrap steel. Gallatin is a mini-mill (steel) that uses the electric arc furnace method to melt the scrap which is then fed into a continuous caster, which produces the steel coils. See the Statement Of Basis for further detail.